

## SC200-T2-V80 Claw Medical Vacuum System

System is NFPA compliant and has modular construction and interconnecting piping.

### PUMP MODULE

Oil-less rotary claw air cooled vacuum pump with NEMA motor. Each pump module is equipped with an inlet filter, check valve, pump isolation valve, internal discharge silencer, and temperature switch.

### SYSTEM CONTROLS

The UL listed soft start electrical control panel features a high-definition color touch screen that can be set up externally without the use of toggle switches. The panel displays multiple conditions, including pump running status, elapsed hours, vacuum level, and audio/visual alarms.

Standard features include lag alarm, automatic pump alternation, adjustable minimum run timer, adjustable vacuum settings, adjustable screen brightness, alarm history registry, and data logging. The panel has standard dry contacts and Modbus interface with building management systems. Ethernet and BACnet are available as options. The panel's maintenance menu includes service items and maintenance warnings, and it is programmed for both English and Spanish languages.

### VACUUM RECEIVER

Constructed to ASME standards and rated for full vacuum. Equipped with valved bypass, high visibility vacuum gauge, source isolation valve, and a manual drain valve. Mounting pads and flex connectors supplied for field installation.

### KEY OPTIONS

Variable Speed Drive Electrical Panel  
O2 Assured Oil for gearbox  
Configurable for Lab or Industrial Applications  
Gas Purge System for Lab use

<b>Configuration</b>	Duplex Tank Mount
<b>System Capacity*</b>	12 SCFM @ 19" Hg. 60 Hz. 10 SCFM @ 19" Hg. 50 Hz.
<b>Horsepower (Each Pump)</b>	2 HP
<b>Horsepower (Total System)</b>	4 HP
<b>Available Voltage</b>	208/230/460 v. 3 phase 60 Hz. 380 v. 3 phase 50 Hz. Contact Factory for other voltages
<b>Full Load Amps 3 ph.</b>	208 volts: 16.2 230 volts: 14.7 380 volts: 9.0 460 volts: 7.4
<b>Tank Size</b>	80 gallon vertical
<b>Medical Filter Bank (option)</b>	BOM-MED FB-1



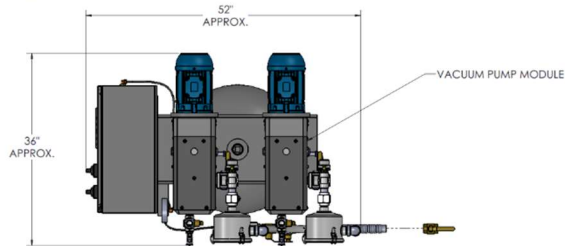
Click here for pump specifications  
and industry-leading parts support.

\*System capacity is stated with one pump in reserve per NFPA. Capacity based on operation at sea level. For higher altitude, contact factory for adjusted capacity.

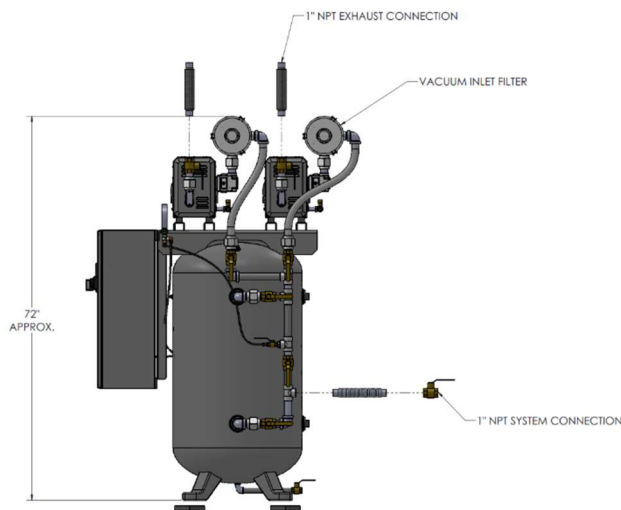
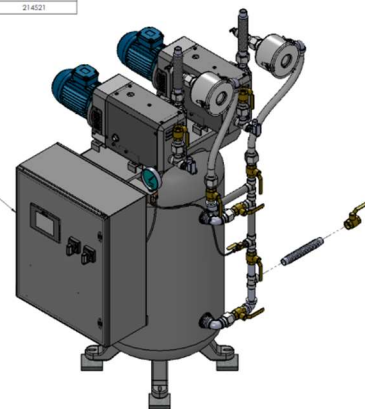
SYSTEM MODEL NO.	PART NO.	MP EACH	SC/MT/AC/PM @ 1" IN EACH	SC/MT/AC/PM @ 2" IN EACH	DESIGN CAPACITY @ 1" IN EACH (GALLONS)	RECEIVER SIZE (GALLONS)	PUMP INLET NPT	ESTIMATED SYSTEM WEIGHT (LB)	NOISE LEVEL (dBA)
C200-12V	SC200-460-T2-V80	2	12/23	8/26	12	80	1"	800	80

SPACE ALLOWANCE FOR MAINTENANCE = 3 FT ON ALL SIDES. MORE SPACE IS REQUIRED FOR THE OPENING OF LARGER PANEL DOORS.

TABLE 1			
SYSTEM LISTED ARE 480V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.			
VOLTAGE	SYSTEM P/N	PUMP MODULE P/N	MOTOR OVERLOAD PROTECTION
208-480-3	SC200-208-T2-V80	100-0125	214523
230-480-3	SC200-230-T2-V80	100-0125	214523
380-50-3	SC200-380-T2-V80	100-0125	214521



ELECTRICAL CONTROL PANEL



VACUUM AIR RECEIVER

4X 1.06" X 0.68" SLOT ON 26" BOLT CIRCLE

REV	NO.	DATE	INITIALS	DESCRIPTION
1	1	01/01/2021		INITIAL RELEASE
2	2	01/01/2021		REVISION 1
3	3	01/01/2021		REVISION 2
4	4	01/01/2021		REVISION 3
5	5	01/01/2021		REVISION 4
6	6	01/01/2021		REVISION 5
7	7	01/01/2021		REVISION 6
8	8	01/01/2021		REVISION 7
9	9	01/01/2021		REVISION 8
10	10	01/01/2021		REVISION 9
11	11	01/01/2021		REVISION 10
12	12	01/01/2021		REVISION 11
13	13	01/01/2021		REVISION 12
14	14	01/01/2021		REVISION 13
15	15	01/01/2021		REVISION 14
16	16	01/01/2021		REVISION 15
17	17	01/01/2021		REVISION 16
18	18	01/01/2021		REVISION 17
19	19	01/01/2021		REVISION 18
20	20	01/01/2021		REVISION 19
21	21	01/01/2021		REVISION 20
22	22	01/01/2021		REVISION 21
23	23	01/01/2021		REVISION 22
24	24	01/01/2021		REVISION 23
25	25	01/01/2021		REVISION 24
26	26	01/01/2021		REVISION 25
27	27	01/01/2021		REVISION 26
28	28	01/01/2021		REVISION 27
29	29	01/01/2021		REVISION 28
30	30	01/01/2021		REVISION 29
31	31	01/01/2021		REVISION 30
32	32	01/01/2021		REVISION 31
33	33	01/01/2021		REVISION 32
34	34	01/01/2021		REVISION 33
35	35	01/01/2021		REVISION 34
36	36	01/01/2021		REVISION 35
37	37	01/01/2021		REVISION 36
38	38	01/01/2021		REVISION 37
39	39	01/01/2021		REVISION 38
40	40	01/01/2021		REVISION 39
41	41	01/01/2021		REVISION 40
42	42	01/01/2021		REVISION 41
43	43	01/01/2021		REVISION 42
44	44	01/01/2021		REVISION 43
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93	93	01/01/2021		REVISION 92
94	94	01/01/2021		REVISION 93
95	95	01/01/2021		REVISION 94
96	96	01/01/2021		REVISION 95
97	97	01/01/2021		REVISION 96
98	98	01/01/2021		REVISION 97
99	99	01/01/2021		REVISION 98
100	100	01/01/2021		REVISION 99

